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**From:** Somers, Jayne  
**Sent:** Wed 8/20/2014 7:49:48 PM  
**Subject:** Glencore Raglan Mine's Ground-breaking Wind-Storage Project

fyi

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**From:** Andrew Slavin [mailto:aslavin@energyandmines.com]  
**Sent:** Wednesday, August 20, 2014 4:01 PM  
**To:** Somers, Jayne  
**Subject:** Progress Report: Glencore Raglan Mine's Ground-breaking Wind-Storage Project

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## Progress Report: Glencore's Raglan Mine's Ground-breaking Wind-Storage Project

This week, Raglan Mine's Director of Strategy, Projects and Public Affairs, Jean-Francois Verret, provides the latest update on the mine's innovative wind-storage project for its Northern Quebec site. With the aim of reducing diesel costs, the mine is installing a unique energy system incorporating a 3MW wind turbine and a test bed of three energy storage technologies.

If the project goes well, the mine will consider installing additional turbines that could generate 9-12MW, slashing diesel consumption by 40%.

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Learn more about this project by downloading this case study and hear Jean-Francois present the details at the upcoming [Renewables and Mining Summit](#), October 15-16, Toronto

## Revisiting the First Wind-Hybrid System for a Remote Northern Mine: Diavik Presentation

Raglan Mine's project is the second wind-hybrid system deployed for a remote mine site in Northern Canada. Last September, Rio Tinto's Liezl Van Wyk provided details of the first such project – the Diavik Diamond Mine Wind Farm - at the inaugural Renewables and Mining Summit.

Both projects are testaments to the innovation and strength of purpose of these mining leaders and the viability of alternative energy integration in remote and extreme conditions.

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## More Mining Leaders signed up to Meet with Renewables Experts this October in Toronto

Energy costs are top of mind for mining leaders and more are demonstrating a strong interest and

commitment to renewables as a means of cutting costs and securing supply. This year's [Renewables Summit](#) in Toronto will see the largest group of mining energy decision-makers gathering to hear how other mines are integrating renewables and learn about the solutions available for their operations.

Over 50+ mining leaders are expected to attend the Summit including representatives from IAMGOLD, Teranga Gold Corporation, Teck., New Gold, Agnico Eagle, Kinross Gold, KWG Resources, GoldCorp, Advanced Exploration, Sage Gold, Banro, De Beers, Detour Gold, Glencore, Newmont, Seabridge Gold, Mandalay Resources, Century Iron Mines, Avalon Rare Metals, ASARCO, GoldQuest Mining Corp., Barrick Gold, and Anglo American Platinum.

The Summit is also attracting a growing list of top energy services and hybrid experts as sponsors with **Northland Power**, **Canadian Solar**, and **Carmanah Technologies** recently joining as event sponsors. Contact [adrienne.baker@energyandmines.com](mailto:adrienne.baker@energyandmines.com) for sponsorship details or +1 613 680 2483

[Click here](#) to register your place at the Summit and join this impressive line-up of mining energy buyers and renewables experts or contact Sam Likely at [sam.likely@energyandmines.com](mailto:sam.likely@energyandmines.com) or +1 613 680 2484.

## Renewables for mining - a trillion dollar opportunity

Currently, the worldwide mining industry consumes 8% to 12% of global primary energy. This is expected to reach 15% to 20% by 2035. The International Energy Agency forecasts that by 2035 global energy demand will increase by one-third, while the share of fossil fuels in the world's energy mix will fall from 82% to 76%. Renewable energy will account for nearly half of this increase in global power generation. The worldwide mining industry will therefore need to develop between 800GW and 1500GW of new renewable energy capacity, a projected investment of USD1.6 to 2.8 trillion.

The [Renewables Summit](#) will bring together leaders in the mining sector who are now looking at alternative energy solutions; decision-makers seeking solutions from the renewable energy sector. This sector represents a present and growing business opportunity for renewables developers and service providers. Join us in Toronto.

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